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PATENT  
Docket No.: 176/61752 (1269)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Benjamin L. Miller	)
U. S. Serial No:	10/584,875	)
Filed:	January 3, 2005	)
PCT International Application No:	PCT/US2005/000053	)
For :	METHOD OF IDENTIFYING HAIRPIN DNA PROBES BY PARTIAL FOLD ANALYSIS	)
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		)
		)

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98b**

**Mail Stop: Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:


In compliance with 37 C.F.R. 1.56, 1.97, and 1.98, published art included in the International Search Report (copy enclosed) of the corresponding PCT application, is cited for consideration and listed on the enclosed PTO/SB/08 form as references 1-4. These references are relevant for the reasons given in the search report.

Because copies of the references should have been transferred by the International Searching Authority ("ISA"), duplicate copies are not enclosed herewith. Should the U.S. Patent and Trademark Office ("PTO") require copies of the references from the applicant (i.e., the ISA has not provided them), the PTO should contact the undersigned representative directly.

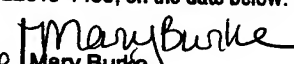
It is respectfully requested than an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

Date: September 12, 2006

  
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Certificate of Mailing - 37 CFR 1.8(a)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450, on the date below.	
Date <u>9/12/06</u>	 Mary Burke



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/584,875
Filing Date	January 3, 2005
First Named Inventor	Benjamin L. Miller
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	176/61752 (1269)

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-6,355,437 B1	03-12-2002	Neri et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	2	BONNET et al., "Thermodynamic Basis of the Enhanced Specificity of Structured DNA Probes," <i>Proc. Natl. Acad. Sci. USA</i> 96:6171-6176 (1999)	
	3	DU et al., "Hybridization-Based Unquenching of DNA Hairpins on Au Surfaces: Prototypical "Molecular Beacon" Biosensors," <i>J. Am. Chem. Soc.</i> 125:4012-4013 (2003)	
	4	DUBERTRET et al., "Single-Mismatch Detection Using Gold-Quenched Fluorescent Oligonucleotides," <i>Nat. Biotech.</i> 19:365-370 (2001)	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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